



#GB/4-2-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alicja BORYSOWICZ et al.

Serial No.: 09/343,684

Filed: June 30, 1999

For: APPARATUS FOR CONTROLLING  
GLASS MELTING AND/OR REFINING  
FURNACES

: Conf. No.:

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: Art Unit: 1731

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: Examiner: S. Vincent

: Atty Docket: 21029/0182

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RESPONSE AND AMENDMENT UNDER 37 CFR § 1.

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 26, 2001, please amend the above-captioned application as follows:

IN THE CLAIMS

Kindly cancel claim 11, without prejudice, and amend claims 10 and 14.

10. (Amended) A system for controlling the melting of a glass batch in a glass melting furnace and comprising:

a plurality of sensors for detecting operating conditions in a furnace;

means for creating, and analyzing images taken inside a furnace in accordance with a predetermined mathematical model;

a predictive network which, depending on the state of the furnace and information regarding changes in production over time, defines various set point values assigned to furnace actuators;

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